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CORPORATE OVERVIEW

Incorporation

Incorporated in the State of Maryland on April 19, 2001

Certifications

- ✚ SBA 8(a) Certified Minority Business Enterprise
- ✚ Maryland Department of Transportation (MDOT) Minority Business Enterprise
- ✚ WMATA (Washington Metropolitan Area Transit Authority) Minority Business Enterprise

Security Clearances

Facility Cleared; Top Secret level clearances.

Company Information







WCIL Technology, Inc. is a minority- owned Professional Information Technology Consulting Corporation based in Bowie, Maryland. With an extensive knowledge base in the Department of Defense Community, Health Management Services and Commercial Sector, WCIL is able to provide leading-edge technologies that will carry our clients into the 21st century and beyond.

Our theme, **“Bringing a world of technology home to you”**, displays our commitment to providing sound technical solutions to our clients.

We are committed to making your mission ours with sound technical expertise in technology development and analysis, computer system development and integration, technical support services, and computer hardware and software products. WCIL consultants work to solve complex technical problems for a diverse client base.

DUNS Number: 091253877

NAICS:

-  541511 custom computer programming services
-  541512 computer systems design services
-  541513 computer facility management services
-  541519 software installation
-  541330 engineering services
-  611420 computer software training

OUR MISSION

The mission of WCIL Technology, Inc. is to become the premier provider of Information Technology solutions and consulting services by building long-term relationships with clients through cutting edge technologies and superb customer support.

IT PROFESSIONAL SERVICES

1	Sr. Program Manager	\$126.45
2	Program Manager	\$116.58
3	Application Systems Analyst	\$104.82
4	Director-Web/Portal Software Developer	\$130.00
5	Network Engineer	\$97.72
6	Sr. Software Engineer	\$91.88
7	Software Engineer II	\$82.99
8	Jr. Software Engineer	\$67.65
9	Personnel Security	\$78.18
10	Technical Writer	\$50.99

SUMMARY OF CAPABILITIES

WCIL Technology, Inc provides support services in the following areas:

Software Engineering

WCIL Technology, Inc consultants are able to convert our client's problems into software solutions. Our software engineering consulting staff specializes in requirements gathering, design, development, and testing software solutions. We believe that no problem is too big or too small. We can provide large-scale customized software to small software integration with commercial packages.

WCIL's software consultants are trained in the Software Engineering Institute's Capability Maturity Model, incorporating software processes to improve system maintainability and adaptability. We are highly trained IT professionals dedicated to our customer's mission. WCIL takes great pride in our high quality end-to-end software solutions. We provide skills in the following technologies:

✚ Java, C/C++, Visual Basic, Web Design, XML, Application Servers

Database Engineering

WCIL Technology, Inc. consultants specialize in the design, architecture, administration and maintenance of relational database management systems. We transform a customer's vision into a viable solution with well over 26 years of experience.

Our consultants manage and administer database servers on various platforms. We provide database installation, monitoring and customized tools in order to fit our customer's everyday need. WCIL extends its technical services by providing guidance and consultation services to ensure long-term server functionality and performance. Furthermore, WCIL provides the unique skill of Database Replication. This will allow our clients the ability to access autonomous copies of production databases.

The following is a list of RDBMS in which we provide the discipline involving the conception, modeling, and database design and programming, data analysis and administration and database documentation.

✚ Sybase, Oracle, Microsoft .NET, Microsoft SQL Server, DB2, Microsoft Access

System Engineering & Integration

WCIL Technology, Inc. consultants are able to integrate existing operations with new technologies to enhance business function and save you money. We work with our clients to reengineer the functional logic of their existing systems while providing reusable modules for their environment.

We assist our clients in protecting their systems investments by encouraging reuse where appropriate and minimizing their costs for new system development. By interactive process of definition, analysis, design and test and evaluation, our clients are able to obtain a high performance and adaptable system configurations that meets their operational needs.

Network Engineering

WCIL Technology, Inc. Consultants provide proven lifecycle Network Services solutions to enhance our clients approach to global multimedia telecommunications. Whether you need a single component or a global network solution, we provide the full suite of network services to support your voice, data and video applications.

We build on experience across the entire network life cycle, including support for networks for the federal government and extensive applications and multiple connectivity options for commercial clients.

Our basic offerings include network design, engineering, implementation, management and security. We provide design solutions to support growth and change with flexible and scalable network environments. We provide complete integration, installation, testing and training services to implement your network solution. This includes the hardware, software, and connectivity services needed to integrate a solution into your current information environment.

We provide skills in the following technology:

- ✚ Cisco, Power Hubs, ATM, Ethernet

Government Solutions

- ✚ Modernize Integrated Database - MIDB
- ✚ Global Command Control System - GCCS
- ✚ Image Product Library - IPL

PERSONNEL DESCRIPTIONS

1. **PROGRAM/PROJECT MANAGER**

Minimum/General Experience: Specialized experience required includes complete project development from inception to deployment, and demonstrated ability to provide guidance and direction to multiple tasks across several functional areas and including the use of different technologies. Minimum of ten years of experience is required. Proven expertise in the management and control of funds and resources, and demonstrated ability to manage small and complex multi-task contracts.

Functional Responsibility: Responsible for the effective management of funds and personnel, and is accountable for the quality and timely delivery of contractual items as specified by the due dates as proposed and approved. Responsible for the implementation of earn value metrics across all projects. Serves as focal point of contact with client on program activities. Responsible for all required resources including manpower, production standards, computer time, and facilities are available for program implementation. Manages program consisting of multiple projects including project identification, design, development, and delivery.

Education: B.S. or B.A. Degree or equivalent experience. PMI Certifications may be considered as a substitute for Degree, with a minimum of 15 years of proven hands on-experience.

2. **SENIOR PROJECT MANAGER**

Minimum/General Experience: Minimum of ten years of experience is required, of which eight years must be specialized. Specialized experience includes complete project development from inception to deployment, demonstrated ability to provide guidance and direction in multiple tasks across several functional areas; proven expertise in the management and control of funds and resources; and demonstrated capability in managing multitask contracts.

Functional Responsibility: Leads the project or multiple tasks and retains overall responsibility for performance including cost, schedule, deliverables, and contractual compliance. Provides the interface to the customer and other project leaders. May work under a Program Manager for multiple projects.

Minimum Education: B.S. or B.A. Degree

3. **SENIOR NETWORK MANAGEMENT ENGINEER**

Minimum/General Experience: Must have seven to ten years of telecommunication design and management experience, particularly in all phases of telecommunications network design, implementation, and analysis; design of Local Area Network and Wide Area Network data networks, wireless networks, and/or network management systems to support voice and data services. At least two years of experience in managing these activities; and experience in managing the evaluation and cost estimation of voice and data WAN services from telecommunication carriers.

Functional Responsibility: Provides technical and administrative direction for personnel responsible for network design, implementation, and operations tasks. Responsible for providing recommendations for approval of installation of major networks and other system components such as routers, switches, etc.

Education: B.S. or B.A. Degree

4. **SENIOR SUBJECT MATTER EXPERT**

Minimum/General Experience: The continual evolution of new technologies and specialized skills minimize the emphasis placed upon the relevant experience the person may possess.

Functional Responsibility: Provides expert consultative support to a functional area of the project. Provide extremely high-level functional system development or analysis. Position incorporates the design, integration, documentation, implementation and analysis on exceptionally complex problems requiring extensive knowledge of the subject matter. This position provides specialized support to the contract that may, or may not, be technical in nature.

Education: MBA or PH.D Informational Technology Field. Specific skills and education that pertain to specialized requirements of the project.

5. **DATABASE MANAGER/PROGRAMMER 1**

Minimum/General Experience: Competent to work at the highest level of all phases of database management.

Functional Responsibility: Responsible for all activities related to the administration of computerized databases. Assigns personnel to various projects and directs their activities; reviews and evaluates their work and prepares performance reports. Confers with and advises subordinates on administrative policies and procedures, technical problems, priorities and methods. Consults with and advises users of the various databases. Projects long-range requirements for database administration and design in conjunction with other managers in the information systems function. Prepares activity and progress reports regarding the database management section.

Education: B.S. or B.A. Degree or applicable Technical Certifications/Courses

6. **DATABASE PROGRAMMER II**

Minimum/General Experience: Competent to work at the highest level of all phases of database management.

Functional Responsibility: Under general direction, designs, implements and maintains complex databases with respect to JCL, access methods, access time, device allocation, validation checks, organization, protection and security, documentation, and statistical methods. Includes maintenance of database dictionaries, overall monitoring of standards and procedures, and integration of systems through database design.

Education: B.S. or B.A. Degree or applicable Technical Certifications/Courses

7. **CONFIGURATION MANAGER**

Minimum/General Experience: Five to Ten years of configuration management experience in hardware and software components for a large-scale network system is required.

Functional Responsibility: Analyzes and baselines proposed changes of product design to determine effect on overall system and coordinates recording of modifications for management control. Responsible for configuration item identification, status tracking and reporting. Confers customer representatives to establish change-reporting procedure and prepares directives for change authorization and documentation by company and subcontractor personnel. Responsible for the facilitation of configuration control boards as directed by the customer.

Education: B.S. or B.A. Degree

8. **QUALITY ASSURANCE MANAGER**

Minimum/General Experience: Minimum of six years of experience is required in quality assurance and quality control. At least three years of experience in software testing and integration, software metrics, and their applications to software quality assessment is required.

Functional Responsibility: Determines the resources required for quality control. Maintains the level of quality throughout the software life cycle. Reviews and verifies the preparation of quality assurance documentation and procedures.

Establishes and maintains a process for evaluating software and associated documentation. Conducts formal and informal reviews at predetermined points throughout the development life cycle. Interfaces with the developers for quality assurance audits, resolution of discrepancies, and other quality assurance matters.

Education: B.S. or B.A. Degree

9. CONTRACT ADMINISTRATOR

Minimum/General Experience: Five years of experience is required in contract administration, cost and price analysis, and negotiations.

Functional Responsibility: Directs all contract administration activities including cost and business proposal preparation. Performs cost and price analysis, and conducts all negotiations. Ensures company is in full compliance with all contract terms and conditions. Provides all necessary auditing and financial information to client. Maintains contract file and serves as the official company liaison between company and client.

Education: B.S. or B.A. Degree, Contract Specialist Certifications must be updated annually.

10. TRAINING SPECIALIST

Minimum/General Experience: Must have four years of experience in information systems development, training or related fields.

Functional Responsibility: Prepares instructor materials (course outline, background material, and training aids), as well as student materials (course manuals, workbooks, handouts, completion certificates, and course critique forms.) Trains personnel by conducting formal classroom courses, workshops, and seminars. Responsible for computer based and web based training activities.

Education: B.S. or BA Degree.

11. JUNIOR SOFTWARE ENGINEER

Minimum/General Experience: 0 to Two Years of experience required in reliability engineering and/or hardware system design.

Functional Responsibility: Reviews and analyzes system specifications. Prepares programming specifications. Analyzes existing systems/subsystems for reusability benefits and needed changes. Prepares design plans and written analyses and documentation.

Education: B.S. or B.A. Degree

12. SOFTWARE ENGINEER

Minimum/General Experience: Must have five to seven years of experience with third/fourth generation languages in the design and implementation of systems.

Functional Responsibility: Reviews and analyzes system specifications. Prepares programming specifications. Analyzes existing systems/subsystems for reusability benefits and needed changes. Performs the following types of responsibilities: requirement analysis, design analysis, programming, software integration, documentation, test and evaluation, engineering design/analysis, and other technical types of tasks.

Minimum Education: B.S. or B.A. Degree

13. SENIOR SOFTWARE ENGINEER

Minimum/General Experience: Must have eight to ten years of experience with third/fourth generation languages in the design and implementation of systems.

Functional Responsibility: Analyzes software requirements to determine feasibility of design within time and cost constraints. Develops software functional, design, and system testing procedures, in programming, and user documentation. Researches, designs, and develops computer software systems in conjunction with hardware product development. Applies principles and techniques of computer science, and engineering analysis.

Education: B.S. or B.A. Degree or equivalent experience. Software Certifications may be considered as a substitute for a college degree with 5- 10 years of proven experience.

14. TECHNICAL WRITER

Minimum/General Experience: Must have two years of experience in writing and editing technical documents.

Functional Responsibility: Assists in the collecting and organizing of information for preparation of user manuals, training materials, installation guides, and reports. Edits functional descriptions, system specifications, user manuals, reports, or other client deliverables.

Education: B.S., B.A., or A.A. Degree

15. WEB SOFTWARE DEVELOPER

Minimum General/Experience: Requires strong navigation and site-design instincts plus developmental experience in web-based languages.

Functional Responsibility: Designs, develops, troubleshoots, debugs, and implements software code (such as HTML, XML, J2EE, CGI and Java-script) for a component of the website. Works with graphic designers and other members of a project team to develop the site concept, interface design, and architecture of the website.

Education: B.S. or B.A. Degree or applicable Technical Certifications/Courses

16. PERSONNEL SECURITY SPECIALIST

Minimum/General Experience: Must have six years of experience with security processing clearances and related paperwork.

Functional Responsibility: Responsibilities include the completion and issuance of required forms to secure required security clearance. Responsible for annual security audits, and compliance with DSS Industry Security and DoD Security Standards. Responsibilities will include fingerprinting, EPSQ validation, and related paperwork prior to submitting for clearance. Responsible for obtaining interim, and final clearances from levels of Secret to Top Secret.

Education: B.S. or B.A. Degree

17. SENIOR PROJECT MANAGER

Minimum/General Experience: Minimum of ten years of experience is required, of which eight years must be specialized. Specialized experience includes complete project development from inception to deployment, demonstrated ability to provide guidance and direction in multiple tasks across several functional areas; proven expertise in the management and control of funds and resources; and demonstrated capability in managing multitask contracts.

Functional Responsibility: Leads the project or multiple tasks and retains overall responsibility for performance including cost, schedule, deliverables, and contractual compliance. Provides the interface to the customer and other project leaders. May work under a Program Manager for multiple projects.

Education: B.S. or B.A. Degree

18. PROGRAMMER

Minimum/General Experience: Must have 3-5 years of programming experience with at least two years of experience in systems analysis and programming.

Functional Responsibility: Utilizes third/fourth-generation languages or current equipment to analyze systems requirements and devise program logic for business, management, communication, and technical problems. Develops detailed flowcharts and instructions for programs, develops general fun diagrams, and processes flowcharts. Must be able to develop tape layouts and record formats and add additional data items necessary to accomplish work.

Minimum Education: B.S. or B.A. Degree

19. DATABASE ADMINISTRATOR

Minimum/General Experience: Must have 5-7 years of progressive experience in database management systems (DBMS) analysis and programming with two years of experience managing, designing, and modeling databases.

Functional Responsibility: Plans, organizes, and controls overall activities of database systems. Responsibilities include monitoring standards, systems, and procedures as they relate to database design and integration; defining the scope of the database function; organizing the database function; documenting activities, procedures, and results; and managing database security.

Minimum Education: B.S. or B.A. Degree

20. SYSTEMS ENGINEER

Minimum/General Experience: A minimum of five years of experience is required including use of current DBMS technologies; structures analysis; design methodologies, and design tools and other design techniques; object-oriented principles; and experience with logical and physical functional, operational, and technical architecture of large and complex information systems.

Functional Responsibility: Performs analysis, design, and development of complex computer systems software. Evaluates user needs with the maintenance of single-product modules and subsystems. Designs and develops utility programs and operating systems and participates in the development of test strategies, devices, and systems.

Minimum Education: B.S. or B.A. Degree

21. APPLICATIONS SYSTEMS ANALYST

Minimum/General Experience: Has full technical knowledge of all phases of applications systems analysis and programming. Has good understanding of the business or function for which applications is designed.

Functional Responsibility: Formulates and defines system scope and objectives through research and fact-finding to develop or modify moderately complex information systems. Prepares detailed specifications from which programs will be written. Designs, codes, tests, debugs, documents and maintains those programs. Competent to work on most phases of applications systems analysis and programming activities, but requires instruction and guidance in other phases of software development life cycle approach.

Minimum Education: B.S. or B.A. Degree

22. NETWORK SECURITY ENGINEER

Minimum/General Experience: Six years of experience is required including defining computer security requirements for high-level applications, evaluation of approved security product capabilities, to include COTS and GOTS Products and developing solutions to problems.

Functional Responsibility: Analyzes and defines security requirements. Designs, develops, engineers, and implements solutions to requirements. Gathers and organizes technical information about goals and needs, existing security products, and ongoing programs. Performs risk analyses, which also include risk assessment.

Minimum Education: B.S. or B.A. Degree